

Serial No.: 10/065,972
Confirmation No.: 3821
Applicant: SVENSSON, Gösta *et al.*
Atty. Ref.: 00173.0023.PCUS00

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Presently Amended) A device for controlling ~~specific functions in a~~ load-carrying vehicle when dumping ~~and/or or loading the a~~ load-carrying platform of the vehicle, the device installed in a load-carrying vehicle having a dumping load-carrying platform, said device comprising a maneuvering organ which is configured to be arranged in the a cabin of the load-carrying vehicle for hand maneuvering by the a driver, and a control unit operatively coupled to with the maneuvering organ being coupled to organ, to a brake at least one of the brakes of the load-carrying vehicle and to the a gearbox of the load-carrying vehiclesvehicle, so that the device, when the maneuvering organ is activated, may activate-activates the brakes-brake and achieve institutes a neutral position of in the gearbox.

2. (Presently Amended) The device according to claim 1, wherein the maneuvering organ is arranged in such a way that it is within the reach of the driver while the driver simultaneously is maneuvering ~~the a~~ steering wheel and ~~the a~~ dumping lever of the vehicle.

3. (Presently Amended) The device according to claim 1, wherein the maneuvering organ is arranged on a panel in the cabin, in the immediate vicinity of ~~the a~~ dumping lever of the vehicle, in such a way that the maneuvering organ is within reach of the driver while simultaneously maneuvering the dumping lever with the same hand.

4. (Cancelled)

5. (Presently Amended) The device according to ~~claim 4~~ claim 1, further comprising a sensor connected to the control unit for sensing a manual movement of a gear shift lever connected to the gearbox.

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6. (Presently Amended) The device according to claim 4, further comprising a sensor connected to the control unit for sensing the speed of the vehicle with the purpose of maintaining the ~~brakes~~ brake in a non-active position and ~~the a~~ present gear in the gearbox, despite an activation of the maneuvering organ when ~~the a~~ speed of the vehicle exceeds a predetermined speed.

7. (Presently Amended) The device according to ~~claim 4~~ claim 1, further comprising a sensor coupled to the control unit for sensing ~~the brake pressure in the brakes~~, and wherein the control unit is coupled to ~~the a~~ parking brake of the vehicle for its activation when ~~the~~ brake pressure falls below a predetermined value.

8. (Original) The device according to claim 1, wherein the device is adapted for use in an articulated dumper.

9. (Cancelled)

10. (Presently Amended) A method for controlling ~~specific functions of a~~ load-carrying vehicle when dumping ~~and/or or~~ loading ~~the a~~ load-carrying platform of the vehicle, the method comprising:

detecting maneuvering of a hand maneuvering organ arranged in ~~the a~~ cabin of ~~the a~~ load-carrying vehicle having a dumping load-carrying platform utilizing a control unit operatively coupled between the maneuvering organ, a brake of the vehicle and a gearbox of the vehicle, and

activating, via the control unit, at least one of the brakes a brake of the vehicle and causing ~~the a~~ gearbox of the load-carrying vehicle to assume a neutral position when ~~the~~ maneuvering of the hand maneuvering organ is detected.

11. (Presently Amended) The method according to claim 10, further comprising detecting manual movement of a gear selection lever connected to the gearbox from the neutral position to

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a gear position when the maneuvering organ is activated, and releasing the ~~brakes-brake~~ when the movement is detected.

12. (Presently Amended) The method according to claim 10, further comprising detecting pressure in the ~~brakes-brake~~ and activating ~~the~~ a parking brake of the vehicle when the brake pressure falls below a predetermined value.

13. (Presently Amended) The method according to claim 10, further comprising activating ~~the~~ a parking brake of the vehicle when ~~the~~ an engine of the vehicle is turned off or when the engine stalls if the ~~brakes-have-brake has~~ previously been activated and the gearbox has been brought to the neutral position via activation of the maneuvering organ.

14. (Presently Amended) A control device for a load-carrying vehicle with a plurality of brakes and a gearbox having a neutral position, the device comprising:

a control unit, installed in a load-carrying vehicle having a dumping load-carrying platform, coupled to ~~at least one of the brakes and to the~~ a brake and a gearbox of the vehicle;

a maneuvering control for operation by a driver, the maneuvering control in signal communication with the control unit, the maneuvering control generating a signal for activating ~~at least one of the brakes-the brake~~ and for selecting the neutral position of the gearbox when the maneuvering control is activated.

15. (Original) The device according to claim 14, wherein the maneuvering control is arranged adjacent to a dumping lever of the vehicle.

16. (Original) The device according to claim 14, further comprising a sensor in signal communication with the control unit for sensing movement of the gearbox from the neutral position.

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17. (Original) The device according to claim 14, wherein the control unit receives a signal indicative of speed of the vehicle and wherein the control unit does not activate the ~~brakes~~brake if the indicated vehicle speed exceeds a predetermined level.

18. (Presently Amended) The device according to claim 14, wherein the control unit receives a signal indicative of pressure in the ~~brakes~~brake, and wherein the control unit is coupled to ~~the a~~ parking brake of the vehicle for ~~its~~ activation when the brake pressure falls below a predetermined value.

19. (Presently Amended) A method for controlling a load-carrying vehicle when dumping ~~and/or~~ or loading ~~the a~~ load-carrying platform of the vehicle, the method comprising:

detecting, via a control unit, activation of a maneuvering control by a driver of the vehicle, the maneuvering control being installed in a load-carrying vehicle having a dumping load-carrying platform;

automatically sending a first signal for activating ~~at least one of the brakes~~ a brake of the vehicle when ~~OLE_LINK~~ activation of the maneuvering control is detectedOLE_LINK; and

automatically sending a second signal for causing ~~the a~~ gearbox to select a neutral position when activation of the maneuvering control is detected.

20. (Original) The method according to claim 10, further comprising terminating the first signal for activating ~~at least one of the brakes~~ the brake if the gearbox is moved from the neutral position while the maneuvering control is activated.